Virtual Lifetime Electronic Record Program
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Virtual Lifetime Electronic Record (VLER): The VLER PMO will be responsible for implementing program management functions for all the underlying products and services that will be part of this program.

- VLER Program Management Office
- Bi-Directional Health Information Exchange (BHIE)
- National Health Information Network (NHIN)
- Repositories
  - Health Data Repository (HDR)
  - Administrative Data Repository (ADR)
- Clinical Health Data Repository (CHDR)
- Standards & Terminology Services (STS)
- Apollo VistA Viewer Version A (AViVA)

- **VLER:** VLER is a federal initiative that will allow a simple, cost effective means for the sharing of electronic health and benefits data over the Web that between the Department of Veteran Affairs (VA), the Department of Defense (DoD), and private sector providers, in a secure and authorized way. This strategy will use a portfolio of programs that will allow interoperability of information through a single portal. This project will guide the transformation of business processes and systems to enable this level of interoperability.

- **BHIE:** BHIE was deployed to all VA facilities in October, 2004. BHIE expands on FHIE technology by allowing textual reports to flow from DoD to VA as well as from VA to DoD. Data exchanged through BHIE includes Drug and Food Allergies, Admission / Discharge / Transfer (ADT) data, Consults, Inpatient Discharge Summaries and Notes, Laboratory (Orders, Chemistry & Hematology, Cytology, Microbiology, and Surgical Pathology), Outpatient Encounters and the Standard Ambulatory Data Record (SADR), which provides summaries of Outpatient Episodes.

- **Repositories – HDR:** The Health Data Repository (HDR) is a national, clinical data storehouse which supports integrated, computable and/or viewable access to the patient's longitudinal health record. The HDR will be the authoritative source of veterans' clinical data when complete, and currently serves as the authoritative source for data from Department of Defense (DoD) Clinical Data Repository (CDR) and for the Home TeleHealth Program.

- **Repositories – ADR:** The ADR Project will design, develop, and deploy a transactional data repository to serve as the authoritative source for future VistA demographic, identity management, and eligibility/enrollment information for all persons. It will migrate legacy data from the Master Patient Index (MPI) and Health Eligibility Center (HEC) into the ADR.

- **CHDR:** The Health Data Repository (HDR) is a national, clinical data storehouse which supports integrated, computable and/or viewable access to the patient's longitudinal health record. The HDR will be the authoritative source of veterans' clinical data when complete, and currently serves as the authoritative source for data from Department of Defense (DoD) Clinical Data Repository (CDR) and for the Home TeleHealth Program.

- **NHIN:** The Nationwide Health Information Network (NHIN) is being developed to provide a secure, nationwide, interoperable health information infrastructure that will connect providers, consumers, and others involved in supporting health and healthcare. This critical part of the national health IT agenda will enable health information to follow the consumer, be available for clinical decision making, and support appropriate use of healthcare information beyond direct patient care so as to improve health.

- **STS:** Standards & Terminology Services (STS) is the authoritative source for clinical and administrative terminology standards for the Veterans Health Administration.

- **AViVA:** One of the objectives of this project is to replace Computerized Patient Record System (CPRS) with a browser-based Electronic Medical Record (EMR) that is a Medical Domain Web Services (MDWS) client.

Advanced Planning Briefing

Procurement	Program	Scope/Requirements	Year
Technical Management Services (TMS)	VLER PMO	Overarching PMO technical support	2010
HITS SOO	CHDR, BHIE	Development and sustainment support for existing products as well as new versions to share additional data	2010
NHIN	NHIN	Development support for additional NHIN sharing efforts	2010
AViVA	AViVA	TBD – Meetings week of 11/16/09	2010

procurements

Procurement	Program	Scope/Requirements	Year
HDR Hardware/Software & Storage Maintenance (multiple)	Repositories	Hardware/Software/Storage maintenance (Production, ICL, DR)	2011
HDR SOO	Repositories	Repositories Road Map	2010
ADR SOO	Repositories	Repositories Road Map	2010
HDR Equipment & Storage Refresh	Repositories	Equipment Refresh of equipment purchases in 2007	2011
ADR Software Maintenance (multiple)	Repositories	Software maintenance	2011